## **LEGEND**

•	PROPOSED LIGHTING UNIT 250 WATT HPS, 120V, MSIII, 30' MH, 12' MA
$\bowtie$	EXISTING LIGHTING CONTROLLER, 120V/240V
$\blacksquare$	PROPOSED LIGHTING CONTROLLER, SPECIAL 100 AMP, 240V/480V
$\mathbf{x}_{i}$	EXISTING LIGHTING UNIT
$\times$	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE
o	EXISTING VILLAGE LIGHTING UNIT 250 WATT HPS, 30' MH, 12' MA
O[]	EXISTING IDOT LIGHTING UNIT 400 WATT HPS, 47.5' MH
	PROPOSED CONDUIT IN TRENCH, GALVANIZED STEEL (SIZE AS SPECIFIED)
	PROPOSED UNIT DUCT 600V, 2-10 NO. 6, 1/0 NO. 6 GROUND, (XLP-TYPE USE), 1-1/4" DIA, POLYETHYLENE
	REMOVE ELECTRIC CABLE FROM CONDUIT

## SCHEDULE OF QUANTITIES

ITEM NUMBER	LIGHTING ITEMS		QUANTITY
21300010	EXPLORATION TRENCH, SPECIAL	F00T	100
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L. SUM	1
81000600	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	270
81001000	CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	F00T	1519
81001100	CONDUIT IN TRENCH, 5" DIA., GALVANIZED STEEL	F00T	146
81018500	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	F00T	10
81702400	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2	F00T	300
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	512
81900302	TRENCH AND BACKFILL WITH SCREENINGS OR SAND	FOOT	4326
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	20
82500505	LIGHTING CONTROLLER, SPECIAL	EACH	2
83020500	LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 30 FT. M.H., 12 FT. MAST ARM	EACH	20
83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	48
83600400	POLE FOUNDATION, METAL	EACH	20
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	7
84200700	LIGHTING FOUNDATION REMOVAL	EACH	7
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5125
X8210155	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT (MATERIAL ONLY)	EACH	2
XX007195	LIGHT POLE, ALUMINUM, TRANSFORMER BASE, 30 FT. M.H., 12 FT. MAST ARM (MATERIAL ONLY)	EACH	2
	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1-1/4" DIA. POLYETHYLENE	FOOT	5088

## GENERAL LIGHTING NOTES:

- 1. THE INSTALLATION OF CONDUIT SLEEVES AND UNIT DUCTS SHALL BE SEQUENCED WITH THE REPLACEMENT OF THE PROPOSED PAVEMENT INCLUDING DRIVEWAYS AND SIDEWALKS. IF CONDUIT OR UNIT DUCT IS PUSHED OR DIRECTIONAL BORED BECAUSE FINAL SURFACE IS IN PLACE, THERE WILL BE NO ADDITIONAL COMPENSATION FOR PUSHING OR DIRECTIONAL BORING THE CONDUIT OR UNIT DUCT.
- MULTI DUCT RUNS SHALL BE INSTALLED IN COMMON TRENCH AND BACKFILLED. TRENCH AND BACKFILL WILL NOT BE PAID FOR EACH UNIT DUCT OR CONDUIT, BUT WILL BE PAID FOR THE LENGTH OF THE COMMON TRENCH ONLY.
- 3. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, DETECTORS AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT AT NO COST TO THE VILLAGE.
- 4. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "TRENCH AND BACKFILL FOR ELECTRICAL WORK" OR "TRENCH AND BACKFILL WITH SCREENINGS OR SAND". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- 7. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND WIRE ACCORDINGLY.
- 8. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
- CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
- 10. SPLICES ARE NOT ALLOWED IN THE HANDHOLE.
- 11. ALL DISTURBED AREA WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THE WORK MUST BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
- 12. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL J.U.L.I.E. TOLL FREE AT 1-800-892-0123. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.

FILE NAME =	USER NAME = Jot	DESIGNED	-	SJC	REVISED -
J:\2215\cad\sheets\2215_Light Notes.dgn		DRAWN	~	CDC	REVISED
·	PLOT SCALE = 1.0000 '/ IN.	CHECKED	-	DNM	REVISED -
	PLOT DATE = 10/15/2009	DATE		10-16-09	REVISED -

## STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

WRIGHT BOULEVARD	F.A.U. RTE.	SECTION	COUNTY	TOTAL	SHE
LIGHTING LEGEND, NOTES AND SCHEDULE OF QUANTITIES		06-00090-00-PV	соок	137	94
			CONTRAC	NO.	6337
N.T.S. SHEET NO. 1 OF 1 SHEETS	FFD. RO	AD DIST, NO. 1 ILLINOIS FED. AT	D PROJECT ARA	-M-8003 (	(809)